



United States Department of Agriculture
National Agricultural Statistics Service

Keystone Ag Digest



Cooperating with the Pennsylvania Department of Agriculture

4050 Crums Mill Road, Suite 203 · Harrisburg, PA 17112-2875

(717) 787-3904 · (717) 782-4011 FAX · www.nass.usda.gov

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This publication may be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."		

Note to Survey Respondents: Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

*This is the final edition of the
Keystone Ag Digest.*

*This data is available in releases specific for
each commodity at the NASS website
www.nass.usda.gov*

MILK PRODUCTION

Milk production in Pennsylvania during February 2011 totaled 820 million pounds, 0.2 percent below last February's production of 822 million pounds. The number of milk cows in the state during the month averaged 543,000 head, no change from January 2011, but 2,000 more than February 2010.

Production per cow averaged 1,510 pounds in February, 130 pounds less than January's production per cow and 10 pounds less than February 2010's average of 1,520 pounds.

Milk production in the 23 states surveyed during February 2011 totaled 14.0 billion pounds, up 2.4 percent from February 2010. January production, revised at 15.2 billion pounds, was up 2.5 percent from January 2010.

Production per cow in the 23 major states averaged 1,666 pounds for February, 24 pounds above February 2010.

The number of milk cows on farms in the 23 major states was 8.40 million head, 81,000 head more than February 2010 and no change from January 2011.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Product	Jan 2010	Dec 2010	Jan 2011
000 Lbs.			
PENNSYLVANIA			
Butter	1	1	1
Ice Cream	2,169	2,817	3,016
UNITED STATES			
Butter	162,067	158,051	166,518
Cheese:			
American Types	347,563	371,137	362,735
Brick and Muenster	10,076	11,103	9,880
Cream and Neufchatel	56,577	59,687	54,414
Mozzarella.....	285,020	308,715	306,234
Swiss	27,179	29,353	27,014
Total Cheese.....	841,646	907,782	883,409
Sour Cream.....	89,580	111,923	96,407
Yogurt, Plain & Flavored	339,217	341,832	359,232
000 Gal.			
Frozen Products			
Ice Cream, Regular, Hard....	55,429	52,298	55,811
Ice Cream, Lowfat, Total	22,695	22,091	22,997
Ice Cream, Nonfat, Hard	1,030	1,054	1,241
Sherbet, Hard.....	3,438	2,874	3,095
Frozen Yogurt, Total.....	3,818	3,815	3,615
Mix for Frozen Products			
Ice Cream Mix.....	32,582	29,410	31,169
Ice Cream, Lowfat, Mix.....	12,890	12,598	13,085
Ice Cream, Nonfat, Mix.....	649	617	687
Sherbet Mix.....	2,202	1,786	2,055
Yogurt Mix.....	2,313	2,312	2,191

¹ Estimate not published to avoid disclosure.

SOURCE: **Dairy Products**, 3:00 p.m., March 2, 2011, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

MILK COWS AND MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		February 2010	January 2011	February 2011	February 2011	January 2011	February 2011
Milk Cows	Thous.	541	543	543	8,323	8,404	8,404
Milk Per Cow	Lbs.	1,520	1,640	1,510	1,642	1,810	1,666
Milk Production.....	Mil. Lbs.	822	891	820	13,670	15,213	14,001

Pennsylvania: Barley - Acreage, Yield, Production and Value, 2010 ¹

County & District	Planted (acres)	Harvested (acres)	Yield per acre (bushels, 48 lbs.)	Production (bushels, 48 lbs.)	Value of production ² (dollars)
Adams	2,400	1,500	84.7	127,000	431,800
Armstrong	800	500	56.4	28,200	95,880
Bedford	1,100	500	76.0	38,000	129,200
Blair	1,400	600	80.8	48,500	164,900
Butler	600	500	59.8	29,900	101,660
Chester	2,200	1,600	81.9	131,000	445,400
Cumberland	3,700	3,000	74.3	223,000	758,200
Dauphin	1,600	1,200	83.0	99,600	338,640
Franklin	7,000	5,500	80.5	443,000	1,506,200
Fulton	2,100	1,700	68.2	116,000	394,400
Huntingdon	600	500	75.0	37,500	127,500
Juniata	900	700	71.4	50,000	170,000
Lancaster	7,700	5,400	78.1	422,000	1,434,800
Lebanon	3,400	2,500	86.8	217,000	737,800
Northumberland	1,500	1,300	65.8	85,500	290,700
Perry	2,000	1,400	80.0	112,000	380,800
Schuylkill	800	700	71.9	50,300	171,020
Snyder	700	700	70.0	49,000	166,600
Somerset	800	700	50.4	35,300	120,020
Union	800	700	67.3	47,100	160,140
York	5,500	4,400	77.7	342,000	1,162,800
Northwestern, Combined Counties	1,200	700	65.7	46,000	156,400
West Central, Combined Counties	1,300	1,100	52.6	57,900	196,860
Central, Combined Counties	1,700	1,600	61.1	97,800	332,520
East Central, Combined Counties	900	800	82.1	65,700	223,380
Southwestern, Combined Counties	800	700	51.0	35,700	121,380
Southeastern, Combined Counties	5,600	4,000	78.0	312,000	1,060,800
Northwestern	1,200	700	65.7	46,000	156,400
West Central	2,700	2,100	55.2	116,000	394,400
Central	11,200	8,700	72.1	627,000	2,131,800
East Central	1,700	1,500	77.3	116,000	394,400
Southwestern	1,600	1,400	50.7	71,000	241,400
South Central	21,800	16,600	77.7	1,289,000	4,382,600
Southeastern	18,900	13,500	80.1	1,082,000	3,678,800
Combined Districts	900	500	56.0	28,000	95,200
Pennsylvania	60,000	45,000	75.0	3,375,000	11,475,000

¹ Counties not shown separately included in 'Combined Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. ² Value of production based on preliminary State marketing year average price published by USDA, NASS.

DAIRY PRODUCTS

United States' butter production was 167 million pounds, 2.7 percent above January 2010 and 5.4 percent above December 2010.

Total cheese output (excluding cottage cheese) was 883 million pounds, 5.0 percent above January 2010 but 2.7 percent below December 2010.

Italian type cheese production totaled 382 million pounds, 5.3 percent above January 2010 but 2.2 percent below December 2010.

American type cheese production totaled 363 million pounds, 4.4 percent above January 2010 but 2.3 percent below December 2010.

Frozen products: (comparisons with January 2010)

- Ice cream, Regular (hard) --- 55.8 million gallons, up 0.7 percent.
- Ice cream, Lowfat (total) --- 23.0 million gallons, up 1.3 percent.
- Sherbet (hard) --- 3.10 million gallons, down 10.0 percent.
- Frozen Yogurt (total) --- 3.62 million gallons, down 5.3 percent.

SOURCE: **Dairy Products**, 3:00 p.m., March 2, 2011, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.



ANNUAL MILK PRODUCTION

Pennsylvania's milk production for 2010 totaled 10,734 million pounds, up 183 million pounds or up 1.7 percent from 2009. Pennsylvania ranked fifth in milk production for 2010 behind California, Wisconsin, Idaho, and New York.

The average number of milk cows during the year was 541,000, which was 4,000 less than the previous year. Production per cow during 2010 totaled 19,841 pounds, compared to 19,360 pounds during 2009.

The annual production of milk for the U.S. during 2010 was 193 billion pounds, 1.8 percent above 2009. Revisions to 2009 production increased the annual total 14 million pounds. Revised 2010 production was up 93 million pounds from last month's publication.

Average milk production per cow in the U.S. for 2010 averaged 21,149 pounds, 576 pounds above 2009. Average annual rate of milk production per cow has increased 16.4 percent from 2001.

The average number of milk cows on farms in the U.S. during 2010 was 9.12 million head, down 0.9 percent from 2009. The average number of milk cows was revised up 2,000 head for 2009.

SOURCE: **Milk Production**, 3:00 p.m., February 18, 2011, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

MILK COWS AND MILK PRODUCTION, PENNSYLVANIA, 23 STATES AND U.S., 2009-2010

Item	Unit	Pennsylvania		23 States		United States	
		2009	2010	2009	2010	2009	2010
Milk Cows	Thous.	545	541	8,409	8,355	9,203	9,117
Milk Per Cow	Lbs.	19,360	19,841	20,847	21,440	20,573	21,149
Milk Production	Mil. Lbs.	10,551	10,734	175,316	179,138	189,334	192,819
Licensed Dairy Herds	Number	7,400	7,340	*	*	54,932	53,127

*Not published or calculated.

SOURCE: **Milk Production**, 3:00 p.m., February 18, 2011, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

RED MEAT PRODUCTION

Commercial red meat production in Pennsylvania during February 2011 totaled 98.3 million pounds, dressed weight basis, up 1 percent from February 2010. Beef production, at 91.4 million pounds live weight, was up 7 percent from February 2010. Total head slaughtered was 74,800, up 10 percent from last year. Average live weight decreased 37 pounds to 1,233 pounds. Veal production was 3.7 million pounds live weight, down 11 percent from a year ago. Calf slaughter, at 8,800 head, was down 9 percent, and average live weight decreased 11 pounds to 420 pounds. Pork production, at 56.7 million pounds live weight, was down 6 percent from a year earlier. Total head slaughtered was 215,800, down 6 percent from February of 2010. Average live weight was 263 pounds, up 1 pound from February of last year. Lamb and mutton production was 190,000 pounds live weight, up 7 percent. The number slaughtered was 1,900, up 6 percent from February of last year. The average live weight decreased 1 pound from February 2010 to 99 pounds.

Nationally, commercial red meat production for February totaled 3.81 billion pounds, dressed weight basis, up 2 percent from the 3.74 billion pounds produced in February 2010. Beef production, dressed weight basis, at 2.02 billion pounds, was 3 percent above the previous year. Cattle slaughter totaled 2.62 million head, up 3 percent from February

2010. The average live weight was up 1 pound from the previous year, at 1,286 pounds. Veal production, at 10.5 million pounds, was 2 percent below February a year ago. Calf slaughter totaled 68,800 head, down 7 percent from February 2010. The average live weight was 17 pounds above last year, at 264 pounds. Pork production totaled 1.77 billion pounds, up 1 percent from the previous year. Hog slaughter totaled 8.51 million head, down 2 percent from February 2010. The average live weight was 7 pounds above the previous year, at 277 pounds. Lamb and mutton production, at 10.9 million pounds, was down 12 percent from February 2010. Sheep slaughtered totaled 155,100 head, 13 percent below last year. The average live weight was 141 pounds, up 1 pound from February a year ago.

January-February 2011 red meat production was 7.85 billion pounds, up 3 percent from 2010. Accumulated beef production was up 3 percent from last year, veal was down 5 percent, pork was up 3 percent from last year, and lamb and mutton was down 12 percent.

SOURCE: **Livestock Slaughter**, 8:30 a.m. February 25, 2011, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

COMMERCIAL LIVESTOCK SLAUGHTER, JAN 2011

Specie	Unit	Pennsylvania	United States
Red Meat Prod	Million pounds	105.0	4,041.8
Cattle.....	1,000 Head	78.8	2,735.2
	1,000 pounds live	97,888	3,544,876
Calves	1,000 Head	9.5	71.8
	1,000 pounds live	4,044	18,278
Hogs.....	1,000 Head	230.5	9,103.7
	1,000 pounds live	60,821	2,529,725
Sheep & Lambs	1,000 Head	2.3	161.1
	1,000 pounds live	229	22,301

SOURCE: **Livestock Slaughter**, 8:30 a.m. February 25, 2011, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

USDA RELEASES RESULTS OF ON-FARM ENERGY PRODUCTION SURVEY

The 2009 On-Farm Renewable Energy Production Survey (OREPS) was the first energy survey conducted by the United States Department of Agriculture's (USDA) National Agricultural Statistics Service (NASS). Conducted as a follow-on to the most recent Census of Agriculture, the 2009 On-Farm Renewable Energy Production Survey focused on three principal renewable energy systems: solar panels, wind turbines and methane digesters. The survey expanded upon the energy questions asked in the census to provide a deeper analysis of American on-farm renewable energy production practices. Highlights include data such as producers on 8,569 farms in the United States reported producing renewable energy on their operations in 2009 and farmers whose operations produced on-farm energy saved an average of \$2,406 on their utility bills in 2009. Full results of the 2009 On-Farm Renewable Energy Production Survey are available online at www.agcensus.usda.gov.

On the state level, California leads the nation with 1,956 operations producing renewable energy, accounting for nearly a quarter of all operations in the United States participating in this practice. Texas, Hawaii and Colorado were the other major states where farmers on at least 500 operations were producing their own renewable energy. The survey results also show an economic upside to producing energy on the farm. Farmers in nearly every state reported savings on their utility bills. The savings were especially noticeable in New York, where utility bill savings reported by respondents topped \$5,000 for 2009. The survey results show increasing participation in on-farm energy production over the years. During the last five years, from 2005 to 2009, 72 percent of the digesters, 50 percent of the small wind turbines and 63 percent of the solar panels currently in use were installed.

All farms that reported using **methane digesters** on the 2007 Census of Agriculture, plus all farms included on the Environmental Protection Agency's (EPA) AgSTAR list, were included in the survey to ensure better coverage of this small, but growing industry. Across the country, 121 farms reported owning and operating 140 methane digesters in 2009. On average, each digester produced just over 30.5 million cubic feet of methane during 2009. The average installation cost of a methane digester was \$1.7 million. The states with the largest number of digesters were Wisconsin (25), New York (16), Pennsylvania (16), and California (14).

In 2009, there were 7,968 farms using **solar panels** to generate energy in the United States. Of those, 91 percent had photovoltaic (PV) and 23 percent had thermal solar panels. The average generating capacity of photovoltaic panels was 4,449 watts with an average installation cost of \$31,947 per farm for all panel types. On-farm energy production using solar panels was reported in all 50 states. The number of farms using solar panels in each state ranged from four farms in Delaware to 1,906 farms in California. Farmers who reported using solar panels were primarily in the western United States.

According to the survey results, in 2009 there were 1,420 operations reporting 1,845 **wind turbines** that were owned and operated by farmers and ranchers. The survey excluded commercial turbines located on farms under wind rights lease agreements.



ADDRESS SERVICE REQUESTED

United States
Department of Agriculture
National Agricultural Statistics Service
Pennsylvania Field Office
4050 Crums Mill Road, Suite 203
Harrisburg PA 17112

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